

UNI Fe 510 D2K1; Fe 510 D2K1 steel; Fe 510 D2K1 steel plate; Fe 510 D2K1 steel grade; Fe 510 D2K1 steel supplier

1. Fe 510 D2K1 steel description

Fe 510 D2K1 steel is a structural weathering steel which is also referred to as atmospheric corrosion resistant steel. Fe 510 D2K1 steel chemical composition can increase resistance to atmospheric corrosion compared to other steels. This is because it forms a protective layer on Fe 510 D2K1 steel surface under the influence of the weather, So which could more accurately be termed as an "Atmospheric Corrosion Resistant Steel".

2. Fe 510 D2K1 steel application range

Fe 510 D2K1 steel is used for various types of welded, bolted and riveted constructions e.g. steel frame structures, bridges, tanks and containers, exhaust systems, vehicles and equipment constructions.

3. Fe 510 D2K1 steel supply size

Thickness: 2mm to 460mm

Width: 1500mm to 3200mm

Length: 6000mm to 12000mm

(other plate sizes and thicknesses available on request )

4. Fe 510 D2K1 steel deliver condition

Hot Rolled, Cold Rolled, Normalized, Quenched, Tempering, Thermal Mechanical Control Process (TMCP), Electroslag Remelting Technical, HIC test.

5. Fe 510 D2K1 steel chemical composition(%)

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C	Si	Mn	P	S	Cu	Cr	Ni	V	Nb	Al
Max 0.16	Max 0.50	Max 0.50- 1.50	Max 0.035	Max 0.035	Max 0.25- 0.55	Max 0.40- 0.80	Max 0.65	Max 0.02- 0.12	Max 0.015- 0.060	Min 0.02

6. Fe 510 D2K1 steel mechanical property

Thickness	Yield Strength ReH[N/mm <sup>2</sup> ] transv.min	Tensile Strength Rm[N/mm <sup>2</sup> ]trans v	Fracture Elongation[%]tra nsv. min.	Notch Impact Energy <sup>1</sup> )Ch Vcomplete samplelongitud. min [J]
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Henan BEBON international is an outstanding exporter and stockist in china, especially in Atmospheric Corrosion Resistant Steel, also named weathering steel. As our have a good relationship with per big steel mill, so we have Fe 510 D2K1 steel more than 10000 tons in stock. If you any need about Fe 510 D2K1 steel , whatever the specification, we also can meet your maximum request. More technology information, welcome to freely contact BEBON sales-team.

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